

IN THE CLAIMS:

Please cancel claims 1-6.

Please add new claims 7-46 as follows:

- Sub B1
7. (New) A recording medium comprising:
- a first recording area on which an audio stream containing audio data is recorded; and
 - a second recording area on which control information is recorded, wherein the control information includes application information indicating whether or not the audio stream contains audio data with different recording modes.
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8. (New) The recording medium according to claim 7, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.
9. (New) The recording medium according to claim 7, wherein the audio stream contains multiplexed audio data.
10. (New) The recording medium according to claim 9, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels.
11. (New) The recording medium according to claim 9, wherein the audio stream further contains multi-channel audio data, and

wherein the application information indicates that the audio stream contains the audio data with different recording modes.

12. (New) The recording medium according to claim 7, wherein the control information further includes number information indicating a number of audio channels in the audio stream.

13. (New) The recording medium according to claim 7, wherein the control information further includes number information specifying one of the recording modes.

14. (New) The recording medium according to claim 7, wherein the control information further includes rate information indicating a bit rate of the audio data.

Sub B^a 15. (New) A system for recording audio data on a recording medium comprising:
a first recording device which records audio data on the recording medium as an audio stream;
a generating device which generates control information including application information indicating whether or not the audio stream contains audio data with different recording modes; and
a second recording device which records the control information on the recording medium.

16. (New) The system according to claim 15, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.

17. (New) The system according to claim 15, wherein the audio stream includes multiplexed audio data.

18. (New) The system according to claim 17, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels.

19. (New) The system according to claim 17, wherein the audio stream further includes multi-channel audio data, and
wherein the generating device generates application information indicating that the audio stream contains audio data with different recording modes.

20. (New) The system according to claim 15, wherein the generating device further generates number information indicating a number of audio channels in the audio stream.

21. (New) The system according to claim 15, wherein the generating device further generates number information specifying one of the recording modes.

22. (New) The system according to claim 15, wherein the generating device further generates rate information indicating a bit rate of the audio data.

23. (New) A system for reproducing audio data from a recording medium comprising a first recording area on which an audio stream containing the audio data is recorded, and a second recording area on which control information is recorded, wherein the control information includes application information indicating whether or not the audio stream contains audio data with different recording modes,

the system comprising:

reading device which reads the control information from the recording medium,

and

controller which controls the reproduction of the audio data recorded on the medium based on the control information.

24. (New) The system according to claim 23, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.

25. (New) The system according to claim 23, wherein the audio stream contains multiplexed audio data.

26. (New) The system according to claim 25, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels,

the system further comprising operating device for selecting one of the multiple language data,

wherein the controller controls the reproduction of the audio data such that only the selected one of the multiple language data is reproduced.

27. (New) The system according to claim 25, wherein the audio stream further contains multi-channel audio data, and

wherein the application information indicates that the audio stream contains the audio data with different recording modes.

28. (New) The system according to claim 23, wherein the control information further includes number information indicating a number of audio channels in the audio stream.

29. (New) The system according to claim 23, wherein the control information further includes number information specifying one of the recording modes.

30. (New) The system according to claim 23, wherein the control information further includes rate information indicating a bit rate of the audio data.

Sub B4 } 31. (New) A method of recording audio data on a recording medium comprising the steps of:

recording audio data on the recording medium as an audio stream;

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generating control information including application information indicating whether or not the audio stream contains audio data with different recording modes; and
recording the control information on the recording medium.

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32. (New) The method according to claim 31, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.

33. (New) The method according to claim 31, wherein the audio stream contains multiplexed audio data.

34. (New) The method according to claim 33, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels.

35. (New) The method according to claim 33, wherein the audio stream further contains multi-channel audio data, and
wherein the application information indicates that the audio stream contains audio data with different recording modes.

36. (New) The method according to claim 31, wherein the control information further includes number information indicating a number of audio channels in the audio stream.

37. (New) The method according to claim 31, wherein the control information further includes number information specifying one of the recording modes.

38. (New) The method according to claim 31, wherein the control information further includes rate information indicating a bit rate of the audio data.

Sub B 39. (New) A method of reproducing audio data from a recording medium comprising a first recording area on which an audio stream containing the audio data is recorded, and a second recording area on which control information is recorded, wherein the control information includes application information indicating whether or not the audio stream contains audio data with different recording modes,

the method comprising the steps of:

reading the control information from the recording medium, and

controlling the reproduction of the audio data recorded on the medium based on the control information.

40. (New) The method according to claim 39, wherein the recording modes include monaural audio, multi-channel audio and multiplexed audio.

41. (New) The method according to claim 39, wherein the audio stream contains multiplexed audio data.

42. (New) The method according to claim 41, wherein the multiplexed audio data consists of a plurality of audio channels and contains multiple language data in different audio channels,

the method further comprising the step of selecting one of the multiple language data,

wherein the step of controlling the reproduction controls the reproduction of the audio data such that only the selected one of the multiple language data is reproduced.

43. (New) The method according to claim 41, wherein the audio stream further contains multi-channel audio data, and

wherein the application information indicates that the audio stream contains the audio data with different recording modes.

44. (New) The method according to claim 41, wherein the control information further includes number information indicating a number of audio channels in the audio stream.

45. (New) The method according to claim 39, wherein the control information further includes number information specifying one of the recording modes.

46. (New) The method according to claim 39, wherein the control information further includes rate information indicating a bit rate of the audio data.